



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/808,248
Source: FWO
Date Processed by STIC: 4/1/04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - cPAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

RAW SEQUENCE LISTING

DATE: 04/01/2004

PATENT APPLICATION: US/10/808,248

TIME: 15:23:31

Input Set : D:\Uvmo024.app

Output Set: N:\CRF4\04012004\J808248.raw

3 <110> APPLICANT: PRICE, ELMER M.
 4 LAUGHLIN, HAROLD
 5 WOODMAN, CHRIS
 6 TANNER, MILES
 7 STUREK, MICHAEL
 9 <120> TITLE OF INVENTION: METHOD OF TREATMENT OF ENDOTHELIAL DYSFUNCTION AND
 10 ENGINEERED PROTEINS FOR SAME
 12 <130> FILE REFERENCE: UVMO:024US
 C--> 14 <140> CURRENT APPLICATION NUMBER: US/10/808,248
 15 <141> CURRENT FILING DATE: 2004-03-24
 17 <150> PRIOR APPLICATION NUMBER: 60/457,136
 18 <151> PRIOR FILING DATE: 2003-03-24
 20 <160> NUMBER OF SEQ ID NOS: 8
 22 <170> SOFTWARE: PatentIn Ver. 2.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 27
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 31 Primer
 33 <400> SEQUENCE: 1
 34 atctagatgg gcaacttgaa gagcgtg 27
 37 <210> SEQ ID NO: 2
 38 <211> LENGTH: 26
 39 <212> TYPE: DNA
 40 <213> ORGANISM: Artificial Sequence
 42 <220> FEATURE:
 43 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 44 Primer
 46 <400> SEQUENCE: 2
 47 aaccggggtg gaaagcttga gggctc 26
 50 <210> SEQ ID NO: 3
 51 <211> LENGTH: 63
 52 <212> TYPE: DNA
 53 <213> ORGANISM: Artificial Sequence
 55 <220> FEATURE:
 56 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 57 Primer
 59 <400> SEQUENCE: 3
 60 agtaacatgg gcaacttgaa gagcgtgggc ccctgagagc cctctcgctt tccaccccg 60
 61 ttc 63
 64 <210> SEQ ID NO: 4

Does Not Comply
Corrected Diskette Needed

pp 2,4

RAW SEQUENCE LISTING

DATE: 04/01/2004

PATENT APPLICATION: US/10/808,248

TIME: 15:23:31

Input Set : D:\Uvmo024.app

Output Set: N:\CRF4\04012004\J808248.raw

65 <211> LENGTH: 63
 66 <212> TYPE: DNA
 67 <213> ORGANISM: Artificial Sequence
 69 <220> FEATURE:
 70 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 71 Primer
 73 <400> SEQUENCE: 4

74 tcattgtacc cgttgaactt ctcgcacccg gggactctcg ggagagcgaa aggtggggcc 60
 75 aag 63

78 <210> SEQ ID NO: 5

79 <211> LENGTH: 66

80 <212> TYPE: DNA

81 <213> ORGANISM: Artificial Sequence

83 <220> FEATURE:

84 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

85 Primer

87 <400> SEQUENCE: 5

88 tctagaatgc accatcacca tcacatgga tatggacgta aaaagcggag gcaacggcgc 60
 89 aggggg 66

92 <210> SEQ ID NO: 6

93 <211> LENGTH: 66

94 <212> TYPE: DNA

95 <213> ORGANISM: Artificial Sequence

97 <220> FEATURE:

98 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

99 Primer

101 <400> SEQUENCE: 6

102 agatcttacg tggtagtggt agtggtagct atacctgcat ttttcgcctc cgttgccgcg 60
 103 tcccc 66

106 <210> SEQ ID NO: 7

107 <211> LENGTH: 20

108 <212> TYPE: PRT

109 <213> ORGANISM: Artificial Sequence

W--> 111 <220> FEATURE:

W--> 111 <223> OTHER INFORMATION:

W--> 111 <400> 7

112 Met His His His His His His Gly Tyr Gly Arg Lys Lys Arg Arg Gln

113 1 5 10 15

115 Arg Arg Arg Gly

116 20

119 <210> SEQ ID NO: 8

120 <211> LENGTH: 11

121 <212> TYPE: PRT

122 <213> ORGANISM: Artificial Sequence

124 <220> FEATURE:

125 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

126 Peptide

128 <400> SEQUENCE: 8

129 Tyr Gly Arg Lys Lys Arg Arg Gln Arg Arg Arg

see p. 4 for error explanation

RAW SEQUENCE LISTING

DATE: 04/01/2004

PATENT APPLICATION: US/10/808,248

TIME: 15:23:31

Input Set : D:\Uvmo024.app

Output Set: N:\CRF4\04012004\J808248.raw

130 1

5

10

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/808,248

DATE: 04/01/2004
TIME: 15:23:32

Input Set : D:\Uvmo024.app

Output Set: N:\CRF4\04012004\J808248.raw

non explanation

Use of <220> Feature (NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.

Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence" or "Unknown". Please explain source of genetic material in <220> to <223> section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of new Rules)

Seq#: 7

VERIFICATION SUMMARY

DATE: 04/01/2004

PATENT APPLICATION: US/10/808,248

TIME: 15:23:32

Input Set : D:\Uvmo024.app

Output Set: N:\CRF4\04012004\J808248.raw

L:14 M:270 C: Current Application Number differs, Replaced Current Application Number
L:111 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:7, <213>
ORGANISM:Artificial Sequence
L:111 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:7, <213>
ORGANISM:Artificial Sequence
L:111 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:7,Line#:111